

FOR PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
500176.03

APPLICATION NO.
09/924,331

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT(S)

Paul D. Shirley

FILING DATE

August 7, 2001

GROUP ART UNIT

1763

JUN 11 2002

TC 1700

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	AA	5,762,709	6/9/98	Sugimoto et al.	118 ✓	52 ✓	
AB	AB	5,932,009	8/3/99	Kim et al.	118 ✓	52 ✓	
AB	AC	6,042,712	3/28/00	Mathieu	205 /	209 ✓	
AB	AD	6,107,608	8/22/00	Hayes	219 ✓	444.1 ✓	

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ORIGINALLY FILED

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
AB	AD	3-230518 A	10/14/91	Japan				X

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Paul D. Shirley

DATE CONSIDERED

April 18, 2003

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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	AF						
	AG						
	AH						
	AI						
	AJ						

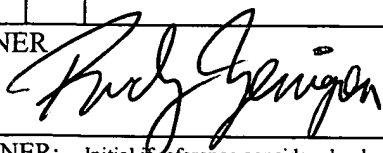
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
1478	AK	62-205626 A	9/10/87	Japan				X
	AL							
	AM							
	AN							
	AO							

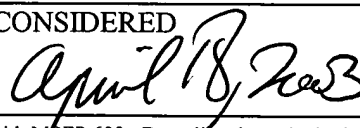
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	AP	
	AQ	
	AR	

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